Ouray National Wildlife Refuge, Boundary Metadata

Identification_Information:
 Citation:
  Citation_Information:
   Originator: U.S. Fish & Wildlife Service, Refuges & Wildlife, Region 6, Division of Realty
   Publication_Date: 200302
   Title: Approved Acquisition Boundary for Ouray National Wildlife Refuge
   Geospatial_Data_Presentation_Form: Map
   Online_Linkage: <http://biology.usgs.gov/npsveg/oura/index.html#geospatial_veg_info>
 Description:
  Abstract: National Wildlife Refuges are federal lands managed by the U.S. Fish and Wildlife Service (USFWS). Data used
   to locate this boundary was obtained from the USFWS Realty program.
  Purpose: The intended application of the data is to serve as a spatial reference of refuge boundaries for other data layers in
   GIS and mapping applications. It is specifically not intended to be used as a land survey or representation of land for
   conveyance or tax purposes.
  Supplemental_Information: NA
 Time_Period_of_Content:
  Time_Period_Information:
   Single_Date/Time:
    Calendar_Date: 200302
  Currentness_Reference: Research of Region 6 Realty files
 Status:
  Progress: Complete
  Maintenance_and_Update_Frequency: As needed
 Spatial_Domain:
  Description_of_Geographic_Extent: Ouray National Wildlife Refuge and environs
  Bounding_Coordinates:
   West_Bounding_Coordinate: -109.678
   East_Bounding_Coordinate: -109.565
   North_Bounding_Coordinate: 40.204
   South_Bounding_Coordinate: 40.093
 Keywords:
  Theme:
   Theme_Keyword_Thesaurus: None
   Theme_Keyword: national wildlife refuge
   Theme_Keyword: Ouray National Wildlife Refuge
  Place:
   Place_Keyword_Thesaurus: None
   Place_Keyword: Utah
   Place_Keyword: Uintah
 Point_of_Contact:
  Contact_Information:
   Contact_Organization_Primary:
    Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator
   Contact_Address:
    Address_Type: mailing and physical address
    Address: U.S. Geological Survey, Center for Biological Informatics, MS 302, Room 8000, Building 810, Denver
     Federal Center
    City: Denver
    State_or_Province: Colorado
    Postal_Code: 80225
    Country: USA

Contact_Voice_Telephone: (303) 202-4220
Contact_Facsimile_Telephone: (303) 202-4219
Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov
Access_Constraints: None
Use_Constraints: Refuge boundary data were compiled for resource applications. It is inappropriate to use this data in legal situations, or other applications where spatial error cannot exceed the USGS 7.5' mapping standards. This data is specifically not intended to be used as a land survey or representation of land for conveyance or tax purposes. An approved acquisition boundary delineates an area that has been approved for inclusion into a National Wildlife Refuge. However, approval does not necessarily indicate that the entire area inside this boundary has been (or ever will be) acquired by U.S. Fish and Wildlife Service.
Native_Data_Set_Environment: Refuge data were developed with ESRI's ArcInfo version 7.2.1 Patch 2 software on a PC running WINDOWS NT version 4.0 (Build 1381: Service Pack 6) operating system.

Data_Quality_Information:
 Attribute_Accuracy:
  Attribute_Accuracy_Report: Arc and polygon item values are rechecked by data entry staff for omissions and against the original data for accuracy.
 Logical_Consistency_Report: The digital boundary was compared to source material for completeness. Software capabilities were used to ensure arcs have no dangling nodes and intersection errors and to check polygons for label errors.
 Completeness_Report: Arcs that represent the entire approved acquisition boundary were included. Line work was checked for omissions.
 Positional_Accuracy:
  Horizontal_Positional_Accuracy:
   Horizontal_Positional_Accuracy_Report: Digital boundary was overlain on USGS 7.5 minute topo. quad(s) (DRG). Data are stored in ArcInfo double precision.
 Lineage:
  Source_Information:
   Source_Citation:
    Citation_Information:
     Originator: U.S. Fish & Wildlife Service, Refuges and Wildlife, Region 6, Division of Realty
     Publication_Date: unknown
     Title: Various information from Division of Realty
     Geospatial_Data_Presentation_Form: Map
   Type_of_Source_Media: Paper
   Source_Time_Period_of_Content:
    Time_Period_Information:
     Range_of_Dates/Times:
      Beginning_Date: unknown
      Ending_Date: unknown
    Source_Currentness_Reference: None
   Source_Citation_Abbreviation: None
   Source_Contribution: Used to determine the current location and extent of the approved acquisition boundary. A document summarizing the specific information used to determine the extent of the approved acquisition boundary is on file in Region 6 Realty (document location: Refuges/RE, LA-Utah, Ouray NWR, General folder 1993 -).
  Source_Information:
   Source_Citation:
    Citation_Information:
     Originator: U.S. Geological Survey
     Publication_Date: unknown
     Title: 7.5 Minute Topographical Quadrangle(s) for the area covered by Ouray National Wildlife Refuge approved acquisition boundary.
     Geospatial_Data_Presentation_Form: Map
   Type_of_Source_Media: Digital Raster Graphics (DRGs)
   Source_Time_Period_of_Content:
    Time_Period_Information:

Range_of_Dates/Times:
  Beginning_Date: unknown
  Ending_Date: unknown
Source_Currentness_Reference: None
Source_Citation_Abbreviation: DRG
Source_Contribution: Features on the DRG were digitized to create the boundary.
Process_Step:
Process_Description: An empty ArcInfo coverage was created; the fuzzy tolerance was set to .001, and the coverage was built for network topology; arc and polygon items required by the project were added; features were screen-digitized from the DRG, and arc and polygon items were populated; the projection was defined, and the coverage was rebuilt and run through quality control steps. Even though the Green River is included in the area delineated by the approved acquisition boundary, it has not been determined whether this should be the case.
Process_Date: 200302

Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Vector

Spatial_Reference_Information:
 Horizontal_Coordinate_System_Definition:
  Planar:
   Grid_Coordinate_System:
    Grid_Coordinate_System_Name: Universal Transverse Mercator
    Universal_Transverse_Mercator:
     UTM_Zone_Number: 12
     Transverse_Mercator:
      Scale_Factor_at_Central_Meridian: .9996
      Longitude_of_Central_Meridian: -111
      Latitude_of_Projection_Origin: 0
      False_Easting: 500000
      False_Northing: 0
   Planar_Coordinate_Information:
    Planar_Coordinate_Encoding_Method: coordinate pair
    Coordinate_Representation:
     Abscissa_Resolution: .001
     Ordinate_Resolution: .001
    Planar_Distance_Units: meters
  Geodetic_Model:
   Horizontal_Datum_Name: NAD27
   Ellipsoid_Name: Clarke 1866
   Semi-major_Axis: 6,378,206.4
   Denominator_of_Flattening_Ratio: 294.98

Entity_and_Attribute_Information:
 Overview_Description:
  Entity_and_Attribute_Overview: USFWS National Wildlife Refuge Approved Acquisition Boundary
  Entity_and_Attribute_Detail_Citation: An approved acquisition boundary as it applies to Region 6 and to the digital legislative boundary set forth in 97-01, U.S. Fish and Wildlife Service Lands Boundary Data Standard Operating Procedure (SOP) is defined as an area that is approved for acquisition into a National Wildlife Refuge; it may also include lands that have been acquired by fee, lease, easement, agreement, and permit, etc.. See SOP under "Labeling Files and Geographic Features - Legislative Boundary" (in process 1) for information on arc and polygon items and item values. Polygon items in addition to those referenced in the SOP include: ARC_ACRES (replaces SOP ACREAGE item), REC_ACRES and METHOD (these two items are no longer considered applicable, and therefore are not populated; however, the items are being retained to maintain consistency with coverages created previously that contain these items). There is an aat-item named METHOD which contains a code for the method of arc creation; a code Dig-DRG indicates an arc digitized from the DRG or created using ArcEdit construction methods on DRG-digitized lines; a code of e indicates an arc that was extrapolated (using the DRG as a reference) to match the Realty Status Map.

Distribution_Information:
 Distributor:
  Contact_Information:
   Contact_Organization_Primary:
    Contact_Organization: USGS Center for Biological Informatics
   Contact_Position: USGS-NPS Vegetation Mapping Program Coordinator
   Contact_Address:
    Address_Type: mailing and physical address
    Address: United States Geological Survey, Center for Biological Informatics
    Address: MS 302, Bldg 810, Room 8000
    Address: Denver Federal Center
    City: Denver
    State_or_Province: Colorado
    Postal_Code: 80225
    Country: USA
   Contact_Voice_Telephone: 303 202-4220
   Contact_Facsimile_Telephone: 303 202-4219
   Contact_Facsimile_Telephone: 303 202-4229
   Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov
 Resource_Description: Digital data were compiled for use in NPS decision making.
 Distribution_Liability:
  The U.S. Geological Survey and the National Park Service shall not be held liable for improper or incorrect use of the data
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   documents and are not intended to be used as such. The information contained in these data is dynamic and may change
   over time. The data are not better than the original sources from which they were derived. It is the responsibility of the
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   in particular. The related graphics are intended to aid the data user in acquiring relevant data; it is not appropriate to use
   the related graphics as data.

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   have been processed successfully on computer systems at the U.S. Geological Survey and the National Park Service, no
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   the data and aggregate use with other data.
 Standard_Order_Process:
  Digital_Form:
   Digital_Transfer_Information:
    Format_Name: HTML
   Digital_Transfer_Option:
    Online_Option:
     Computer_Contact_Information:
      Network_Address:
       Network_Resource_Name: http://biology.usgs.gov/npsveg/oura/index.html#geospatial_veg_info
     Access_Instructions: Internet Access
  Fees: None

Metadata_Reference_Information:
 Metadata_Date: 200302
 Metadata_Review_Date: 20060905
 Metadata_Contact:
  Contact_Information:
   Contact_Organization_Primary:
    Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator
   Contact_Address:

Address_Type: mailing and physical address
Address:
  U.S. Geological Survey, Center for Biological Informatics, MS 302,
  Room 8000, Building 810, Denver Federal Center
City: Denver
State_or_Province: Colorado
Postal_Code: 80225
Country: USA
Contact_Voice_Telephone: (303) 202-4220
Contact_Facsimile_Telephone: (303) 202-4219
Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov
Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:
  Biological Data Profile, 1999
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Extensions:
  Online_Linkage: http://biology.usgs.gov/fgdc.bio/bionwext.txt
  Profile_Name: Biological Data Profile FGDC-STD-001.1-1999